Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1626gms

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Apr 08	"Ask CAS" for self-help around the clock
NEWS 3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4	Apr 09	ZDB will be removed from STN
NEWS 5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS 9	Jun 03	New e-mail delivery for search results now available
NEWS 10	Jun 10	MEDLINE Reload
NEWS 11	Jun 10	PCTFULL has been reloaded
NEWS 12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS 13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS 15	Jul 30	NETFIRST to be removed from STN
NEWS 16	Aug 08	CANCERLIT reload
NEWS 17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
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NEWS 35	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
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NEWS 37	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 38	Dec 30	ISMEC no longer available
NEWS 39	Jan 13	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 40	Jan 21	NUTRACEUT offering one free connect hour in February 2003
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NEWS 42	Jan 29	Simultaneous left and right truncation added to COMPENDEX,

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ENERGY, INSPEC
NEWS 43 Feb 13 CANCERLIT is no longer being updated
NEWS 44 Feb 24 METADEX enhancements
NEWS 45 Feb 24 PCTGEN now available on STN
NEWS 46 Feb 24 TEMA now available on STN
NEWS 47 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 48 Feb 26 PCTFULL now contains images
NEWS 49 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 50 Mar 19 APOLLIT offering free connect time in April 2003
NEWS 51 Mar 20 EVENTLINE will be removed from STN

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,
CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 11:07:29 ON 24 MAR 2003

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:07:42 ON 24 MAR 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 23 MAR 2003 HIGHEST RN 500280-37-5
DICTIONARY FILE UPDATES: 23 MAR 2003 HIGHEST RN 500280-37-5

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP

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PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=>
Uploading 10019264.str

L1 STRUCTURE UPLOADED

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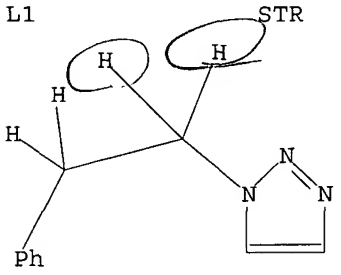
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED - 115 TO ITERATE

100.0% PROCESSED 115 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1657 TO 2943
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss full
FULL SEARCH INITIATED 11:08:10 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2305 TO ITERATE

100.0% PROCESSED 2305 ITERATIONS 22 ANSWERS
SEARCH TIME: 00.00.01

L3 22 SEA SSS FUL L1

=> FIL CAPLUS
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 148.15 148.36

FILE 'CAPLUS' ENTERED AT 11:08:16 ON 24 MAR 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907 - 24 Mar 2003 VOL 138 ISS 13
FILE LAST UPDATED: 23 Mar 2003 (20030323/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s l3
L4            26 L3

=> s l3/p
L5            18 L3/P

=> s l3/proc
              26 L3
         3292349 PROC/RL
L6             0 L3/PROC
                  (L3 (L) PROC/RL)

=> s l5 and py<=2000
        20609220 PY<=2000
L7            17 L5 AND PY<=2000

=> e ikemoto t au/25
'25' IS NOT A VALID EXPAND FIELD CODE FOR FILE 'CAPLUS'
The indicated field code is not available for EXPAND in this
file.  To see a list of valid EXPAND field codes, enter HELP
SFIELDS at an arrow prompt (=>).

=> e tomomi  i /au 25
E1            2     TOMOMATU SHIGEKI/AU
E2            2     TOMOMATU TOSHIO/AU
E3            0 --> TOMOMI  I/AU
E4            4     TOMOMI HIDEO/AU
E5            1     TOMOMI KAKENORI/AU
E6            4     TOMOMI KAZUO/AU
E7            1     TOMOMI SATOZAWA/AU
E8            1     TOMOMICHI YASUHARU/AU
E9            2     TOMOMITSU ATSUSHI/AU
E10           1     TOMOMITSU HARUMI/AU
E11           2     TOMOMITSU HIDEYUKI/AU
E12           1     TOMOMITSU HIGASHI/AU
E13           1     TOMOMITSU HIROSHI/AU
E14           1     TOMOMITSU HIROYUKI/AU
E15           2     TOMOMITSU KEN/AU
E16           2     TOMOMITSU KENICHI/AU
E17           8     TOMOMITSU KENJI/AU
E18           2     TOMOMITSU KOICHI/AU
E19           1     TOMOMITSU M/AU
E20           1     TOMOMITSU MASATO/AU
```

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E21          7     TOMOMITSU NAGAHIKO/AU
E22          8     TOMOMITSU NAOKI/AU
E23          7     TOMOMITSU OSAHIKO/AU
E24          2     TOMOMITSU T/AU
E25         12     TOMOMITSU TATSUSHI/AU

=> log y
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     6.78     155.14

STN INTERNATIONAL LOGOFF AT 11:13:10 ON 24 MAR 2003


Connecting via Winsock to STN



Welcome to STN International!  Enter x:x

LOGINID:ssspta1626gms

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2


* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

 NEWS  1          Web Page URLs for STN Seminar Schedule - N. America
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 NEWS  3  Apr 09  BEILSTEIN: Reload and Implementation of a New Subject Area
 NEWS  4  Apr 09  ZDB will be removed from STN
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 NEWS  7  Apr 22  BIOSIS Gene Names now available in TOXCENTER
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 NEWS  9  Jun 03  New e-mail delivery for search results now available
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 NEWS 12  Jul 02  FOREGE no longer contains STANDARDS file segment
 NEWS 13  Jul 22  USAN to be reloaded July 28, 2002;
                  saved answer sets no longer valid
 NEWS 14  Jul 29  Enhanced polymer searching in REGISTRY
 NEWS 15  Jul 30  NETFIRST to be removed from STN
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 NEWS 20  Aug 19  IFIPAT, IFICDB, and IFIUDB have been reloaded
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 NEWS 24  Sep 16  Experimental properties added to the REGISTRY file
 NEWS 25  Sep 16  CA Section Thesaurus available in CAPLUS and CA
 NEWS 26  Oct 01  CASREACT Enriched with Reactions from 1907 to 1985
 NEWS 27  Oct 21  EVENTLINE has been reloaded
 NEWS 28  Oct 24  BEILSTEIN adds new search fields

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 NEWS 29  Oct 24  Nutraceuticals International (NUTRACEUT) now available on STN
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 NEWS 43  Feb 13  CANCERLIT is no longer being updated
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               CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
               AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
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 NEWS INTER    General Internet Information
 NEWS LOGIN    Welcome Banner and News Items
 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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  * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * *



FILE 'HOME' ENTERED AT 11:15:08 ON 24 MAR 2003

=> FIL REGISTRY
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.21       0.21

FILE 'REGISTRY' ENTERED AT 11:15:27 ON 24 MAR 2003
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STRUCTURE FILE UPDATES: 23 MAR 2003 HIGHEST RN 500280-37-5
DICTIONARY FILE UPDATES: 23 MAR 2003 HIGHEST RN 500280-37-5

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

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http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=>
Uploading 10019264.str

L1 STRUCTURE UPLOADED

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SAMPLE SEARCH INITIATED 11:15:40 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 115 TO ITERATE

100.0% PROCESSED 115 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1657 TO 2943
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss full
FULL SEARCH INITIATED 11:15:46 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2305 TO ITERATE

100.0% PROCESSED 2305 ITERATIONS 22 ANSWERS
SEARCH TIME: 00.00.01

L3 22 SEA SSS FUL L1

=> FIL CAPLUS
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 148.15 148.36

FILE 'CAPLUS' ENTERED AT 11:15:52 ON 24 MAR 2003
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 24 Mar 2003 VOL 138 ISS 13
FILE LAST UPDATED: 23 Mar 2003 (20030323/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3
L4 26 L3

=> s l3/p
L5 18 L3/P

=> d ibib abs hitstr l5 tot

L5 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:461311 CAPLUS
DOCUMENT NUMBER: 137:33313
TITLE: Preparation of pyrazolo[4,3-e]1,2,4-triazolo[1,5-c]pyrimidines and analogs as adenosine A3 receptor modulators for therapeutic and diagnostic use
INVENTOR(S): Baraldi, Pier Giovanni; Borea, Pier Andrea
PATENT ASSIGNEE(S): Medco Research, Inc., USA
SOURCE: U.S., 30 pp., Cont.-in-part of U.S. Ser. No. 154,435.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6407236	B1	20020618	US 1999-379300	19990823
US 6448253	B1	20020910	US 1998-154435	19980916
WO 2000015231	A1	20000323	WO 1999-US21103	19990915
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9962482	A1	20000403	AU 1999-62482	19990915
AU 749211	B2	20020620		
GB 2353527	A1	20010228	GB 2000-27879	19990915
BR 9913766	A	20010605	BR 1999-13766	19990915
DE 19983530	T	20011108	DE 1999-19983530	19990915
CH 692132	A	20020228	CH 1999-1201	19990915
JP 2002524519	T2	20020806	JP 2000-569815	19990915
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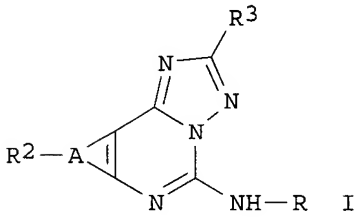
SE 2000003984	A	20001222	SE 2000-3984	20001101

NO 2000005508 A 20010315 NO 2000-5508 20001101
LU 90687 A1 20001219 LU 2000-90687 20001206
PRIORITY APPLN. INFO.: US 1998-154435 A2 19980916
US 1999-379300 A 19990823
WO 1999-US21103 W 19990915
OTHER SOURCE(S): MARPAT 137:33313
GI



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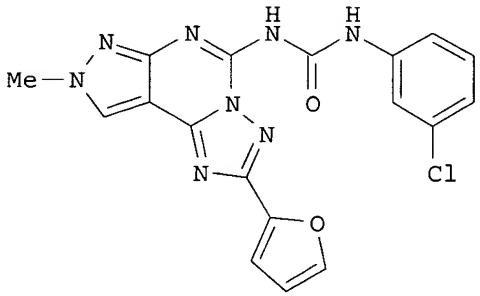


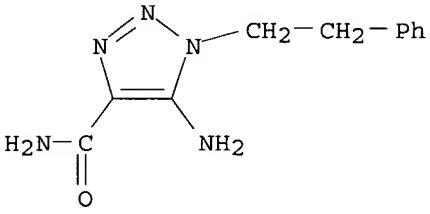
II

AB Title compds. I [wherein A = imidazole, pyrazole, or triazole; R = CXR1, CXN(R1)2, CXOR1, CXSR1, SOnR1, SOnSR1, or SOnN(R1)2; R1 = H, (hetero)aryl, heterocyclyl, alkanoyl, or (un)substituted alkyl, alkenyl, or alkynyl; or N(R1)2 = azetidinyl or 5-6 membered heterocyclyl; R2 = H or (un)substituted alkyl, alkenyl, aralkyl, or (hetero)aryl; R3 = (un)substituted (benzo)furanyl, (benzo)pyrrolyl, or (benzo)thiophenyl; X = O, S, or NR1; n = 0-2; or pharmaceutically acceptable salts thereof] were prepd. as selective A3 adenosine receptor agonists. Thus, 3-amino-1H-pyrazole-4-carbonitrile was methylated, treated with tri-Et orthoformate to give the imidate, and cyclized with 2-furoic acid hydrazide to give 8-methyl-2-(2-furyl)pyrazolo[4,3-e]1,2,4-triazolo[1,5-c]pyrimidine (45%). Amination (53%) and addn. of 3-chlorophenyl isocyanate (98%) afforded II, which exhibited binding affinity at the A1, A2, and A3 receptors with Ki values of 5,045 nM, >10,1000 nM, and 0.22 nM, resp. I are useful for the treatment disorders caused by excessive activation of the A3 receptor, such as hypertension, inflammation, mast cell degranulation, cardiac hypoxia, allergic disease, and for protection against cerebral ischemia (no data). In addn., I are useful in diagnostic applications to det. the relative binding of other compds. to the A3 receptor. For instance, the compds. can be labeled, for example with fluorescent or radiolabels, and the labels used in vivo or in vitro to det. the presence of tumor cells which possess a high concn. of adenosine A3 receptors.

IT **159979-98-3P**, 1H-1,2,3-Triazole-4-carboxamide, 5-amino-1-(2-phenylethyl)- **159980-01-5P**, 1H-1,2,3-Triazole-4-carbonitrile, 5-amino-1-(2-phenylethyl)-
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of pyrazolotriazolopyrimidine and analogs as adenosine A3 receptor agonists for therapeutic and diagnostic use)

RN 159979-98-3 CAPLUS

CN 1H-1,2,3-Triazole-4-carboxamide, 5-amino-1-(2-phenylethyl)- (9CI) (CA INDEX NAME)



RN 159980-01-5 CAPLUS
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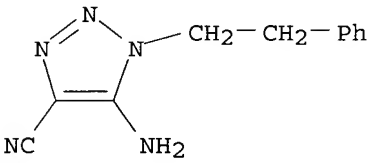


REFERENCE COUNT: 76 THERE ARE 76 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 18 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:72064 CAPLUS
DOCUMENT NUMBER: 136:118452
TITLE: Method for producing 1-substituted-1,2,3-triazole derivatives
INVENTOR(S): Ikemoto, Tomomi; Ito, Tatsuya; Tomimatsu, Kiminori; Sawai, Yasuhiro; Nishiyama, Hirohiko; Isogami, Yasushi
PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
SOURCE: PCT Int. Appl., 170 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

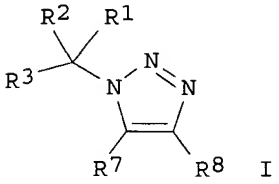
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002006249	A1	20020124	WO 2001-JP6145	20010716
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
JP 2003048882	A2	20030221	JP 2001-218718	20010718

PRIORITY APPLN. INFO.:
JP 2000-218814 A 20000719
JP 2000-218834 A 20000719
JP 2000-284925 A 20000920
JP 2001-160464 A 20010529

OTHER SOURCE(S): CASREACT 136:118452; MARPAT 136:118452

Golam Shameem

GI



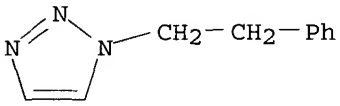
I

AB The title compds., e.g. I [R1, R2 = H, (un)substituted hydrocarbon group, etc.; R3 = R6(CR4R5)m; R4, R5 = H, (un)substituted hydrocarbon group, etc.; R6 = (un)substituted arom. moiety; m = 0 - 10; R7 , R8 = H, halo, etc.], are prepd. by reacting R1C(R2)(R3)X [X = leaving group] with appropriate triazole derivs. (a) in a secondary or tertiary alc. in the presence of a base or (b) in the absence of a base. Thus, a mixt. of 1-(4-chlorobutyl)-4-methoxybenzene, 1H-1,2,3-triazole, potassium iodide, and sodium hydroxide in tert-butanol was refluxed for 11 h to give, after workup and treatment with methanesulfonic acid, 1-[4-(4-methoxyphenyl)butan-1-yl]-1H-1,2,3-triazole methanesulfonic acid salt (II) in 73% yield. II is an intermediate in the prepn. of 1-[4-[4-[[2-[((E)-2-(4-trifluoromethyl)phenyl)ethenyl]-1,3-oxazol-4-yl]methoxy]phenyl]butyl]-1H-1,2,3-triazole (III), useful as a tyrosine kinase inhibitor (no data). A pharmaceutical compn. contg. crystals of III is claimed.

IT **63777-90-2P**
RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(method for producing triazole derivs.)

RN 63777-90-2 CAPLUS

CN 1H-1,2,3-Triazole, 1-(2-phenylethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2000:190930 CAPLUS

DOCUMENT NUMBER: 132:217158

TITLE: 1,2,4-Triazolo[1,5-c]pyrimidine adenosine A3 receptor modulators, preparation thereof, and therapeutic and diagnostic use

INVENTOR(S): Baraldi, Pier Giovanni; Borea, Pier Andrea

PATENT ASSIGNEE(S): Medco Research Inc., USA

SOURCE: PCT Int. Appl., 88 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

WO 2000015231	A1	20000323	WO 1999-US21103	19990915	
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM					
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG					
US 6448253	B1	20020910	US 1998-154435	19980916	
US 6407236	B1	20020618	US 1999-379300	19990823	
AU 9962482	A1	20000403	AU 1999-62482	19990915	
AU 749211	B2	20020620			
GB 2353527	A1	20010228	GB 2000-27879	19990915	
BR 9913766	A	20010605	BR 1999-13766	19990915	
DE 19983530	T	20011108	DE 1999-19983530	19990915	
JP 2002524519	T2	20020806	JP 2000-569815	19990915	
FI 2000002367	A	20010119	FI 2000-2367	20001027	
SE 2000003984	A	20001222	SE 2000-3984	20001101	
NO 2000005508	A	20010315	NO 2000-5508	20001101	
LU 90687	A1	20001219	LU 2000-90687	20001206	

PRIORITY APPLN. INFO.:

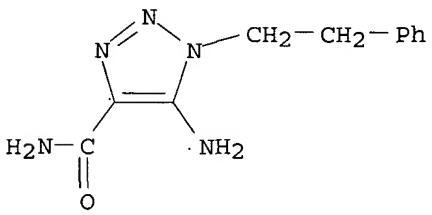
US 1998-154435	A	19980916
US 1999-379300	A	19990823
WO 1999-US21103	W	19990915

OTHER SOURCE(S): MARPAT 132:217158

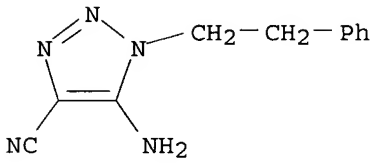
AB The title compds. (Markush included), which have selective A3 adenosine receptor agonist activity, are provided. These compds. can be used in a pharmaceutical compn. to treat disorders caused by excessive activation of the A3 receptor, or can be used in a diagnostic application to det. the relative binding of other compds. to the A3 receptor. The compds. can be labeled, for example with fluorescent or radiolabels, and the labels used in vivo or in vitro to det. the presence of tumor cells which possess a high concn. of adenosine A3 receptors.

IT **159979-98-3P 159980-01-5P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(triazolopyrimidine adenosine A3 receptor modulator prepn. and therapeutic and diagnostic use)

RN 159979-98-3 CAPLUS
CN 1H-1,2,3-Triazole-4-carboxamide, 5-amino-1-(2-phenylethyl)- (9CI) (CA INDEX NAME)



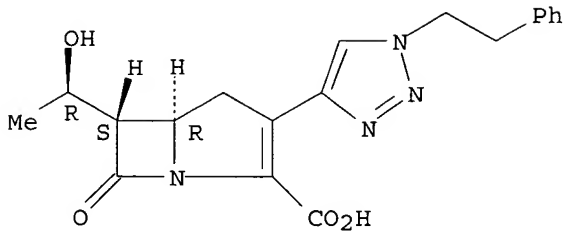
RN 159980-01-5 CAPLUS
CN 1H-1,2,3-Triazole-4-carbonitrile, 5-amino-1-(2-phenylethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 18 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1998:146166 CAPLUS
DOCUMENT NUMBER: 128:217210
TITLE: Novel C-2 substituted carbapenem derivatives, Part IV. Synthesis and biological activity of five membered heteroaromatic derivatives
AUTHOR(S): Branch, Clive L.; Burton, George; Clarke, Graham J.; Coulton, Steven; Douglas, James D.; Eglington, A. John; Guest, Angela W.; Hinks, Jeremy D.; Hird, Nicholas W.; Holland, Rebecca K.; Hunt, Eric; Knott, Sarah J.; Moss, Stephen F.; Naylor, Antoinette; Pearson, Michael J.; Takle, Andrew K.
CORPORATE SOURCE: SmithKline Beecham Pharmaceuticals, Betchworth, RH3 7AJ, UK
SOURCE: Journal of Antibiotics (1998), 51(2), 210-220
CODEN: JANTAJ; ISSN: 0021-8820
PUBLISHER: Japan Antibiotics Research Association
DOCUMENT TYPE: Journal
LANGUAGE: English
AB The synthesis, antibacterial activity, and stability to human dehydropeptidase-1 (DHP-1) of a novel series of (5R,6S)-6-[(1R)-1-hydroxyethyl]-2-heterocyclylcarbapen-2-em-3-carboxylates are described. Of the compds. investigated 1,5-disubstituted pyrazol-3-yl and 3-substituted isoxazol-5-yl derivs. have the best combination of antibacterial activity and stability to DHP-1. They are particularly active against community-acquired respiratory tract pathogens and have stabilities to DHP-1 superior to that of meropenem.
IT **204384-96-3P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(synthesis and biol. activity of five membered heteroarom. derivs. of C-2 substituted carbapenem derivs.)
RN 204384-96-3 CAPLUS
CN 1-Azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid, 6-(1-hydroxyethyl)-7-oxo-3-[1-(2-phenylethyl)-1H-1,2,3-triazol-4-yl]-, monosodium salt, [5R-[5.alpha.,6.alpha.(R*)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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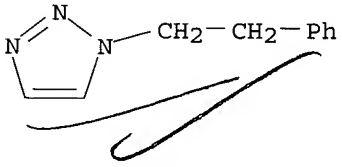
REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 18 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1997:471064 CAPLUS
DOCUMENT NUMBER: 127:190688
TITLE: Alkylation and acylation of the 1,2,3-triazole ring
AUTHOR(S): Ohta, Shunsaku; Kawasaki, Ikuo; Uemura, Takahiro; Yamashita, Masayuki; Yoshioka, Tomomichi; Yamaguchi, Satoshi
CORPORATE SOURCE: Kyoto Pharm. Univ., Kyoto, 607, Japan
SOURCE: Chemical & Pharmaceutical Bulletin (1997), 45(7), 1140-1145
CODEN: CPBTAL; ISSN: 0009-2363
PUBLISHER: Pharmaceutical Society of Japan
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 127:190688
AB Trimethylsilylation of 1,2,3-triazole regioselectively proceeded to give 2-trimethylsilyl-2H-1,2,3-triazole, which was treated with primary alkyl halides in the presence of tetrabutylammonium fluoride to give 1-alkyl-1H-1,2,3-triazoles as a sole product. 1-Methyl-5-substituted 1H-1,2,3-triazoles were prepd. by alkylation of 5-lithio-1-methyl-1H-1,2,3-triazole followed by reductive desulfurization.
IT **63777-90-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of triazole derivs. via alkylation and acylation)
RN 63777-90-2 CAPLUS
CN 1H-1,2,3-Triazole, 1-(2-phenylethyl)- (9CI) (CA INDEX NAME)



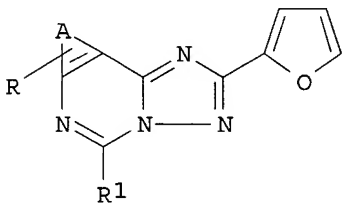
L5 ANSWER 6 OF 18 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1995:501317 CAPLUS
DOCUMENT NUMBER: 122:239712
TITLE: Preparation of 1,2,4-triazolo[1,5-c]pyrimidines as adenosine A2 receptor antagonists
INVENTOR(S): Baraldi, Pier Giovanni; Zappaterra, Laura; Ongini,

Ennio
PATENT ASSIGNEE(S): Schering-Plough S.p.A., Italy
SOURCE: PCT Int. Appl., 43 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9501356	A1	19950112	WO 1994-EP2031	19940622
W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LU, LV, MD, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, US, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9470723	A1	19950124	AU 1994-70723	19940622

PRIORITY APPLN. INFO.: IT 1993-MI1396 19930629
WO 1994-EP2031 19940622

OTHER SOURCE(S): MARPAT 122:239712
GI



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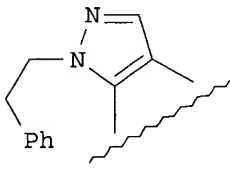


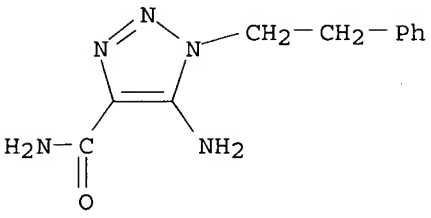
II

AB Title compds. [I; A = atoms to complete a pyrazole, imidazole, or triazole ring; R = H, (cyclo)alkyl, alkenyl, aryl(alkyl), etc.; R1 = NH2] were prepd. Thus, 1-(2-phenylethyl)-4-cyano-5-aminopyrazole (prepn. given) was condensed with HC(OEt)3 and the product cyclocondensed with 2-furoic acid hydrazide to give title compd. II (R1 = H) which was ring opened and the product cyclocondensed with NCNH2 to give II (R1 = NH2). The latter had Ki of 123 and 2.4nM for binding at adenosine A1 and A2 receptors in vitro, resp.

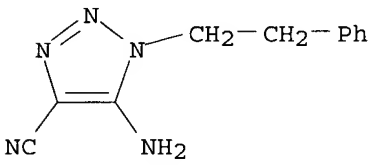
IT **159979-98-3P 159980-01-5P 159980-06-0P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of 1,2,4-triazolo[1,5-c]pyrimidines as adenosine A2 receptor antagonists)

RN 159979-98-3 CAPLUS

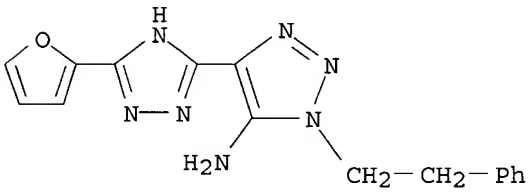
CN 1H-1,2,3-Triazole-4-carboxamide, 5-amino-1-(2-phenylethyl)- (9CI) (CA INDEX NAME)



RN 159980-01-5 CAPLUS
CN 1H-1,2,3-Triazole-4-carbonitrile, 5-amino-1-(2-phenylethyl)- (9CI) (CA INDEX NAME)



RN 159980-06-0 CAPLUS
CN 1H-1,2,3-Triazol-5-amine, 4-[5-(2-furanyl)-1H-1,2,4-triazol-3-yl]-1-(2-phenylethyl)- (9CI) (CA INDEX NAME)



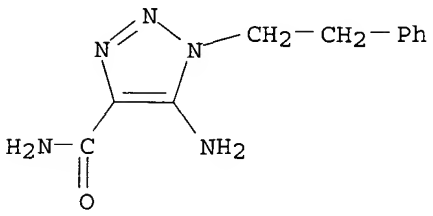
L5 ANSWER 7 OF 18 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1995:389453 CAPLUS
DOCUMENT NUMBER: 122:290830
TITLE: 1,2,3-Triazolodiazepines. I. Preparation and benzodiazepine receptor binding of 1-benzyl- and 1-phenethyl-1,2,3-triazolo[4,5-b][1,4]diazepines
AUTHOR(S): Biagi, Giuliana; Giorgi, Irene; Livi, Oreste; Scartoni, Valerio; Velo, Silvia; Lucacchini, Antonio; Senatore, Generoso; Barili, Pier Luigi
CORPORATE SOURCE: Dip. Sci. Farmaceutiche, Univ. Pisa, Pisa, 56126, Italy
SOURCE: Journal of Heterocyclic Chemistry (1995), 32(1), 169-76
CODEN: JHTCAD; ISSN: 0022-152X
PUBLISHER: HeteroCorporation
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 122:290830
AB Several new 1,2,3-triazolo[4,5-b][1,4]diazepines were prepd. starting from 1-benzyl- and 1-phenethyl-4,5-diamino-1,2,3-triazole by condensation reactions with .beta.-diketones, .beta.-keto esters, and di-Et malonates.

Golam Shameem

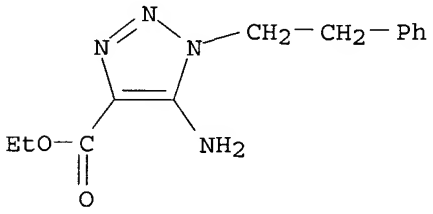
Most of compds. were tested for their ability to displace [3H]flunitrazepam from bovine brain membranes but no compd. showed benzodiazepine receptor binding affinity.

IT **159979-98-3P 163080-12-4P 163080-33-9P 163080-34-0P 163080-36-2P 163080-44-2P 163080-45-3P 163080-46-4P 163080-47-5P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and benzodiazepine receptor binding of triazolodiazepines)

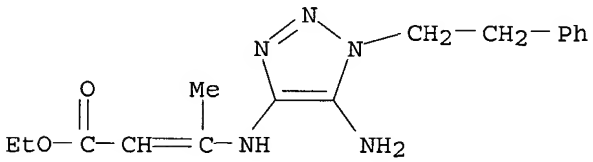
RN 159979-98-3 CAPLUS
CN 1H-1,2,3-Triazole-4-carboxamide, 5-amino-1-(2-phenylethyl)- (9CI) (CA INDEX NAME)



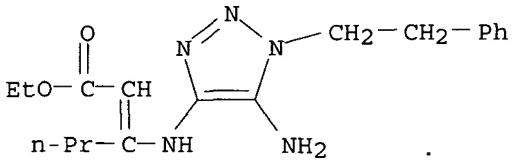
RN 163080-12-4 CAPLUS
CN 1H-1,2,3-Triazole-4-carboxylic acid, 5-amino-1-(2-phenylethyl)-, ethyl ester (9CI) (CA INDEX NAME)



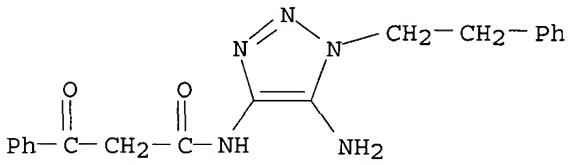
RN 163080-33-9 CAPLUS
CN 2-Butenoic acid, 3-[[5-amino-1-(2-phenylethyl)-1H-1,2,3-triazol-4-yl]amino]-, ethyl ester (9CI) (CA INDEX NAME)



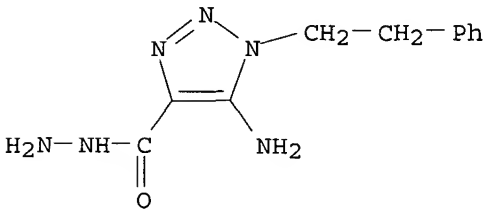
RN 163080-34-0 CAPLUS
CN 2-Hexenoic acid, 3-[[5-amino-1-(2-phenylethyl)-1H-1,2,3-triazol-4-yl]amino]-, ethyl ester (9CI) (CA INDEX NAME)



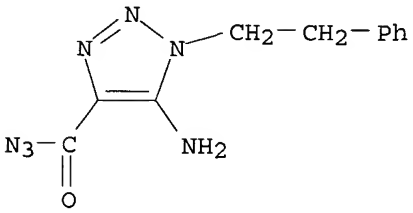
RN 163080-36-2 CAPLUS
CN Benzenepropanamide, N-[5-amino-1-(2-phenylethyl)-1H-1,2,3-triazol-4-yl]-.beta.-oxo- (9CI) (CA INDEX NAME)



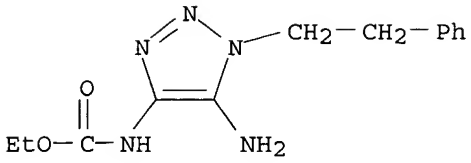
RN 163080-44-2 CAPLUS
CN 1H-1,2,3-Triazole-4-carboxylic acid, 5-amino-1-(2-phenylethyl)-, hydrazide (9CI) (CA INDEX NAME)



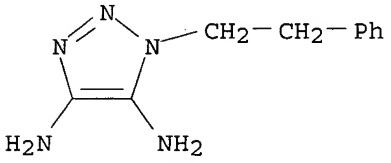
RN 163080-45-3 CAPLUS
CN 1H-1,2,3-Triazole-4-carbonyl azide, 5-amino-1-(2-phenylethyl)- (9CI) (CA INDEX NAME)



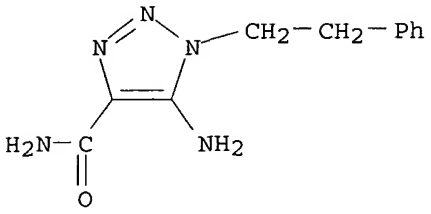
RN 163080-46-4 CAPLUS
CN Carbamic acid, [5-amino-1-(2-phenylethyl)-1H-1,2,3-triazol-4-yl]-, ethyl ester (9CI) (CA INDEX NAME)



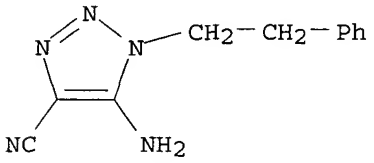
RN 163080-47-5 CAPLUS
CN 1H-1,2,3-Triazole-4,5-diamine, 1-(2-phenylethyl)- (9CI) (CA INDEX NAME)



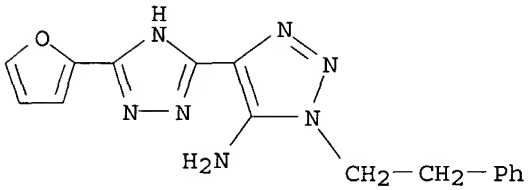
L5 ANSWER 8 OF 18 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1995:227800 CAPLUS
DOCUMENT NUMBER: 122:45679
TITLE: Synthesis of new pyrazolo[4,3-e]1,2,4-triazolo[1,5-c]pyrimidine and 1,2,3-triazolo[4,5-e]1,2,4-triazolo[1,5-c]pyrimidine displaying potent and selective activity as A2a adenosine receptor antagonists
AUTHOR(S): Baraldi, Pier Giovanni; Manfredini, Stefano; Simoni, Daniele; Zappaterra, Laura; Zocchi, Cristina; Dionisotti, Silvio; Ongini, Ennio
CORPORATE SOURCE: Dipartimento di Scienze Farmaceutiche, Univ. Ferrara, Ferrara, Italy
SOURCE: Bioorganic & Medicinal Chemistry Letters (1994), 4(21), 2539-44
CODEN: BMCLE8; ISSN: 0960-894X
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 122:45679
AB A series of pyrazolo[4,3-e]1,2,4-triazolo[1,5-c]pyrimidines and 1,2,3-triazolo[4,5-e]1,2,4-triazolo[1,5-c]pyrimidines were prepd. and evaluated for their activity as adenosine A2a receptor antagonists. In the present study, 5-amino-7-(phenylethyl)-2-(2-furyl)-pyrazolo[4,3-e]-1,2,4-triazolo[1,5-c]pyrimidine (SCH 58261) was identified as potent and selective adenosine A2a antagonist in binding assays (Ki = 2.3 nM, Ki ratio: A2/A2a = 52.6).
IT **159979-98-3P 159980-01-5P 159980-06-0P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(synthesis of new pyrazolotriazolopyrimidines and triazolotriazolopyrimidines displaying potent and selective activity as A2a adenosine receptor antagonists)
RN 159979-98-3 CAPLUS
CN 1H-1,2,3-Triazole-4-carboxamide, 5-amino-1-(2-phenylethyl)- (9CI) (CA INDEX NAME)



RN 159980-01-5 CAPLUS
CN 1H-1,2,3-Triazole-4-carbonitrile, 5-amino-1-(2-phenylethyl)- (9CI) (CA INDEX NAME)



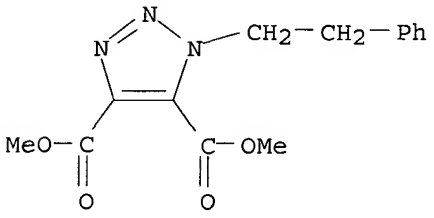
RN 159980-06-0 CAPLUS
CN 1H-1,2,3-Triazol-5-amine, 4-[5-(2-furanyl)-1H-1,2,4-triazol-3-yl]-1-(2-phenylethyl)- (9CI) (CA INDEX NAME)



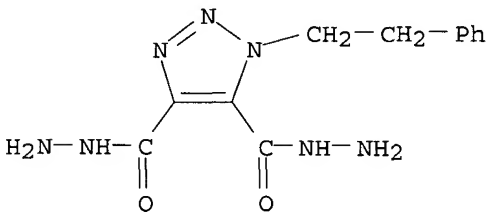
L5 ANSWER 9 OF 18 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:457437 CAPLUS
DOCUMENT NUMBER: 121:57437
TITLE: 1,2,3-Triazolo[4,5-d]pyridazines - II. New derivatives tested on adenosine receptors
AUTHOR(S): Biagi, Giuliana; Giorgi, Irene; Livi, Oreste; Scartoni, Valerio; Martini, Claudia; Tacchi, Paolo; Merlino, Stefano; Pasero, Marco
CORPORATE SOURCE: Ist. Chim. Farm. Tossicol., Univ. Pisa, Pisa, 56126, Italy
SOURCE: Farmaco (1994), 49(3), 175-81
CODEN: FRMCE8; ISSN: 0014-827X
DOCUMENT TYPE: Journal
LANGUAGE: English
AB This paper reports the synthesis and biol. evaluation towards A1 and A2 adenosine receptors of new 1,2,3-triazolo[4,5-d]pyridazines bearing lipophilic substituents in the 1 position. Some 1-benzyl-4-substituted amino derivs. were prepd. and the cyclohexylamino-, anilino- and p-toluidino-derivs. showed an interesting moderately selective activity on the A1 receptor.
IT **156361-34-1P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

Golam Shameem

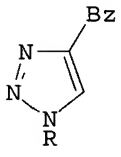
(Reactant or reagent)
(prepn. and reaction of, with hydrazine)
RN 156361-34-1 CAPLUS
CN 1H-1,2,3-Triazole-4,5-dicarboxylic acid, 1-(2-phenylethyl)-, dimethyl ester (9CI) (CA INDEX NAME)



IT **156361-35-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn., adenosine receptor affinity, and cyclization of)
RN 156361-35-2 CAPLUS
CN 1H-1,2,3-Triazole-4,5-dicarboxylic acid, 1-(2-phenylethyl)-, dihydrazide (9CI) (CA INDEX NAME)



L5 ANSWER 10 OF 18 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:217447 CAPLUS
DOCUMENT NUMBER: 120:217447
TITLE: Studies on specific inhibition of benzodiazepine receptor binding by some C-benzoyl-1,2,3-triazole derivatives
AUTHOR(S): Biagi, G.; Giorgi, I.; Livi, O.; Lucacchini, A.; Martini, C.; Scartoni, V.
CORPORATE SOURCE: Fac. Farm., Univ. Pisa, Pisa, Italy
SOURCE: Journal of Pharmaceutical Sciences (1993), 82(9), 893-6
CODEN: JPMSAE; ISSN: 0022-3549
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



I

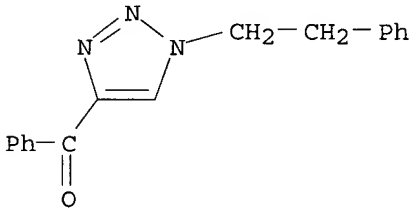
Golam Shameem

AB New or previously described 1,2,3-triazole derivs., characterized by a C-benzoyl substituent, were synthesized and tested for their ability to displace [3H]flunitrazepam from bovine brain membrane. Compds. I (R = cyclohexyl, phenethyl) showed the higher activity. The 5-benzoyl isomer presented a lower activity, equiv. to that of the triazoleacetic deriv., which is 4-benzyl substituted. Generally, the carboxymethyl radical in the 1-position of the triazole ring decreased the activity, probably because of intramol. hydrogen bonding with the carbonyl function of the benzoyl substituent. The N-1 unsubstituted triazole derivs. were ineffective; this result is in disagreement with the authors previous observations. Probably these mols. interact with the receptor site by a hydrogen bonding acceptor group and by a bulky and lipophilic portion or a hydrogen bonding donor function that is appropriately arranged.

IT **153897-52-0P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and inhibition of benzodiazepine receptor)

RN 153897-52-0 CAPLUS

CN Methanone, phenyl[1-(2-phenylethyl)-1H-1,2,3-triazol-4-yl]- (9CI) (CA INDEX NAME)



L5 ANSWER 11 OF 18 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1991:185397 CAPLUS

DOCUMENT NUMBER: 114:185397

TITLE: Studies on 1,2,3-triazole derivatives as in vitro inhibitors of prostaglandin synthesis

AUTHOR(S): Biagi, Giuliana; Dell'Omodarme, Giuliana; Ferretti, Maria; Giorgi, Irene; Livi, Oreste; Scartoni, Valerio

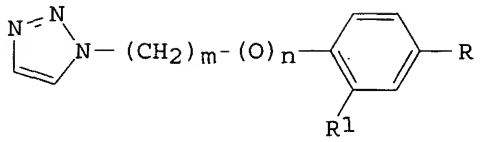
CORPORATE SOURCE: Ist. Chim. Farm. Tossicol., Univ. Pisa, Pisa, 56100, Italy

SOURCE: Farmaco (1990), 45(11), 1181-92
CODEN: FRMCE8; ISSN: 0014-827X

DOCUMENT TYPE: Journal

LANGUAGE: English

GI



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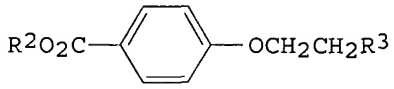


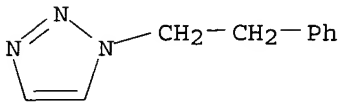
II

AB Triazole derivs. I (R = OCMe2CO2Et, OCH2CH2CO2H, R1 = H, n = 0, m = 1; R = R1 = H, R = NO2, NH2, OH, R1 = H, NO2, n = 0, m = 2; R = CO2Me, CO2H, R1 = H, n = 1, m = 2) and other heterocyclic benzoates II (R2 = Me, H, R3 = 1-imidazolyl, 1-pyrazolyl, 1-pyrrolyl) were prepd. The antiinflammatory activity of the compds. was investigated through their inhibitory effect on prostaglandin synthetase.

IT **63777-90-2P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and nitration of)

RN 63777-90-2 CAPLUS

CN 1H-1,2,3-Triazole, 1-(2-phenylethyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 12 OF 18 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1990:235250 CAPLUS

DOCUMENT NUMBER: 112:235250

TITLE: Synthesis of new 6,7-heteroannulated 3H-1,2,3-triazalo[4,5-d]pyridimidine derivatives

AUTHOR(S): Ried, Walter; Laoutidis, Joannis

CORPORATE SOURCE: Inst. Org. Chem., Univ. Frankfurt/Main, Frankfurt/Main, D-6000, Fed. Rep. Ger.

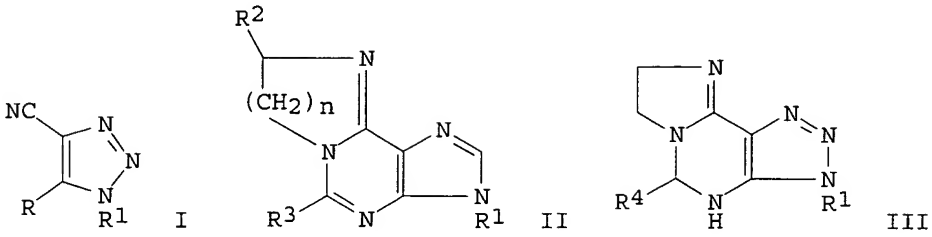
SOURCE: Synthesis (1989), (10), 739-41
CODEN: SYNTBF; ISSN: 0039-7881

DOCUMENT TYPE: Journal

LANGUAGE: German

OTHER SOURCE(S): CASREACT 112:235250

GI

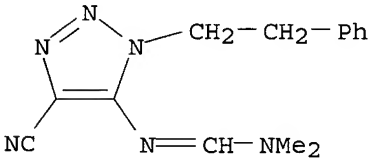


AB Cyclocondensation reaction of 4-amino-5-cyanotriazoles I (R = NH2, R1 = PhCH2, 4-ClC6H4CH2, 2,4-Cl2C6H3CH2, 4-ClC6H4) or iminocyanotriazoles I (R = Me2NCH:N, R1 = same) with NH2(CH2)nCHR2NH2 (n = 1, R2 = H, Me; n = 2,3) in the presence of P2S5 catalyst gave 33-79% imidazolyltriazoles which on cyclocondensation with R3C(OEt)3 (R3 = H, Me) gave 24-77% title compds. II. Title compds. III [R1 = PhCH2, 2,4-Cl2C6H3CH2; R4 = H, 4-ClC6H4, 3-O2NC6H4, 3,4,5-(MeO)3C6H2, 2,6-Cl2C6H3] were also prepd. by cyclocondensation reaction of imidazolyltriazoles with R4CHO in C6H6.

IT **127197-87-9P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 127197-87-9 CAPLUS

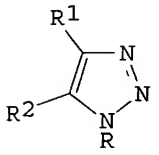
CN Methanimidamide, N'-[4-cyano-1-(2-phenylethyl)-1H-1,2,3-triazol-5-yl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



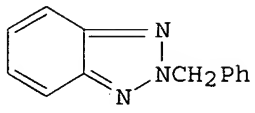
L5 ANSWER 13 OF 18 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1979:581461 CAPLUS
DOCUMENT NUMBER: 91:181461
TITLE: Tranquilizer composition based on a substituted triazole
PATENT ASSIGNEE(S): ICI Americas, Inc., USA
SOURCE: Fr. Demande, 10 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2388557	A2	19781124	FR 1977-12834	19770427

PRIORITY APPLN. INFO.: FR 1977-12834 19770427
GI



I



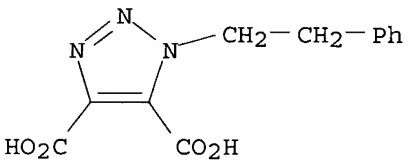
II

AB Tranquilizer compns. contain the triazoles I (R = Me, Et, Pr, Bu, Ph, 4-BrC6H4, ClC6H4, 4-ClC6H4CH2, 4-MeOC6H4CH2, C6Cl5CH2, PhCH2CH2, PhCH2, 2-ClC6H4CH2; R1, R2 = H, CO2H; R1R2 = CH:CHCH:CH) or II. Thus 100 g I(R = 2-ClC6H4, R1 = R2 = H) [66913-42-6] was tableted 80% starch, 80g lactose, and 20% talc to give tablets weighing 280 mg each.

IT **66913-43-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 66913-43-7 CAPLUS

CN 1H-1,2,3-Triazole-4,5-dicarboxylic acid, 1-(2-phenylethyl)- (9CI) (CA INDEX NAME)



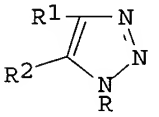
L5 ANSWER 14 OF 18 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1978:517879 CAPLUS
DOCUMENT NUMBER: 89:117879
TITLE: Triazole compositions
INVENTOR(S): Miller, Alfred David
PATENT ASSIGNEE(S): ICI Americas, Inc., USA
SOURCE: S. African, 12 pp.
CODEN: SFXXAB
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
ZA 7702417	A	19780329	ZA 1977-2417	19770421

PRIORITY APPLN. INFO.: ZA 1977-2417 19770421

GI

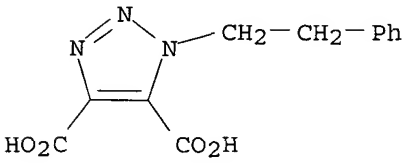


I

AB A tranquilizer compn. contains triazoles I (R = Me, Et, Pr, CH2Ph, Ph,

4-BrC6H4,2-ClC6H4, 4-ClC6H4CH2, 4-MeOC6H4CH2, C6Cl5CH2, R1 = R2 = H; R = Et, Bu, CH2Ph, CH2CH2Ph, Ph, R1 = R2 = CO2H; RR1 = CH:CHCH:CH, R2 = CH2Ph, 2-ClC6H4CH2). Thus a tablet was prepd. from 1-(2-chlorophenyl)-1H-1,2,3-triazole [66913-42-6] 100, starch 80, lactose 80, and talc 20 mg. I(R = CH2CH2Ph, R1 = R2 = CO2H) [66913-43-7] was prepd. by cycloaddn. of HO2CC

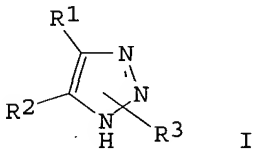
IT **66913-43-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 66913-43-7 CAPLUS
CN 1H-1,2,3-Triazole-4,5-dicarboxylic acid, 1-(2-phenylethyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 15 OF 18 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1978:517818 CAPLUS
DOCUMENT NUMBER: 89:117818
TITLE: Substituted triazoles as tranquilizers
PATENT ASSIGNEE(S): ICI Americas, Inc., USA
SOURCE: Belg., 11 pp.
CODEN: BEXXAL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
BE 853978	A4	19771026	BE 1977-177039	19770426

PRIORITY APPLN. INFO.: BE 1977-177039 19770426
GI



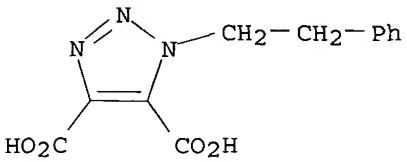
I

AB Tranquilizing compns. contain a triazole deriv. I. For example, 1,000 280 mg tablets were formulated from a mixt. comprising 1-(2-chlorophenyl)-1H-1,2,3-triazole (II) [66913-42-6] 100, starch 80, lactose powder 80, talc 20. The prepn. of 1-(2-phenethyl)-4,5-dicarboxy-1H-1,2,3-triazole [66913-43-7] from .beta.-phenethylazide [6926-44-9] and acetylenedicarboxylic acid [142-45-0] is described.

IT **66913-43-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 66913-43-7 CAPLUS

Golam Shameem

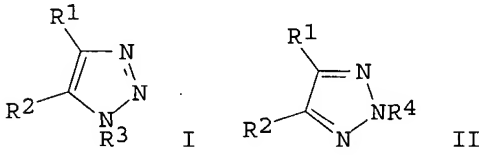
CN 1H-1,2,3-Triazole-4,5-dicarboxylic acid, 1-(2-phenylethyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 16 OF 18 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1978:424368 CAPLUS
DOCUMENT NUMBER: 89:24368
TITLE: Triazole derivatives
INVENTOR(S): Miller, Alfred David
PATENT ASSIGNEE(S): ICI Americas, Inc., USA
SOURCE: S. African, 64 pp.
CODEN: SFXXAB
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

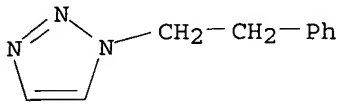
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
ZA 7606188	A	19770928	ZA 1976-6188	19761018

PRIORITY APPLN. INFO.: ZA 1976-6188 19761018
GI



AB The triazoles I and II (R1, R2 = H, HO2C, Ph, C1-4 alkyl, NH2, 1-piperidinecarbonyl and C1-4 hydroxyalkyl, R1R2 = CH:CHCH:CH; R3, R4 = unsubstituted or substituted alkyl and aralkyl) (about 100 compds.) were prepd. Thus, Ph(CH2)3N3 was cyclized with HO2CC.tplbond.CCO2H to give I [R1 = R2 = CO2H, R3 = Ph(CH2)3], which was decarboxylated to give I [R1 = R2 = H, R3 = Ph(CH2)3]. The tranquilizer ED50 of I (R1 = R2 = H, R3 = p-ClC6H4CH2) was 132 mg/kg in the rotarod test.
IT **63777-90-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 63777-90-2 CAPLUS
CN 1H-1,2,3-Triazole, 1-(2-phenylethyl)- (9CI) (CA INDEX NAME)

Golam Shameem



L5 ANSWER 17 OF 18 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1977:502338 CAPLUS
DOCUMENT NUMBER: 87:102338
TITLE: Triazoles
INVENTOR(S): Miller, Alfred David
PATENT ASSIGNEE(S): ICI United States, Inc., USA
SOURCE: Ger. Offen., 53 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2648826	A1	19770505	DE 1976-2648826	19761027
NO 7603569	A	19770429	NO 1976-3569	19761019
AU 7618811	A1	19780427	AU 1976-18811	19761019
BE 847480	A1	19770420	BE 1976-171671	19761020
DK 7604781	A	19770429	DK 1976-4781	19761022
JP 52053863	A2	19770430	JP 1976-128163	19761025
FR 2329275	A1	19770527	FR 1976-32136	19761025
FR 2329275	B1	19781215		
SE 7611884	A	19770429	SE 1976-11884	19761026
FI 7603050	A	19770429	FI 1976-3050	19761026
NL 7611944	A	19770502	NL 1976-11944	19761028

PRIORITY APPLN. INFO.: US 1975-626140 19751028
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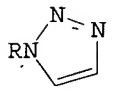
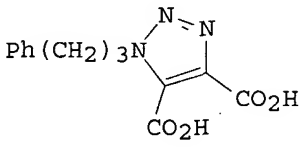


I



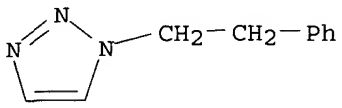
II

AB Triazoles I (e.g., R = 2-ClC6H4CH2, 2,3,6-Cl3C6H2CH2, 4-F3CC6H4CH2, Ph(CH2)3, 3-BrC6H4CH2, 2,6-Cl2C6H3CH2, 4-FC6H4CO(CH2)3, 2-ClC6H4CH:CHCH2, hexyl) were prepd. Thus, Ph(CH2)3Br was treated with NaN3, Ph(CH2)3N3 condensed with HO2CC.tplbond.CCO2H, and II decarboxylated to give I [R = Ph(CH2)3](III). III gave 33% protection against oxotremorin-induced tremor at 100 mg/kg i.p. in mice.

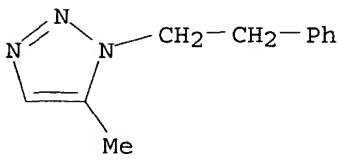
IT **63777-90-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 63777-90-2 CAPLUS
CN 1H-1,2,3-Triazole, 1-(2-phenylethyl)- (9CI) (CA INDEX NAME)

Golam Shameem



L5 ANSWER 18 OF 18 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1967:482171 CAPLUS
DOCUMENT NUMBER: 67:82171
TITLE: Enamines. XXI. Reactions between aryl azides and acetone ketimines and between aryl alkyl ketones and .beta.-oxo esters
AUTHOR(S): Bianchetti, Giuseppe; Pocar, Donato; Dalla Croce, Piero; Stradi, Riccardo
CORPORATE SOURCE: Univ. Milan, Milan, Italy
SOURCE: Gazzetta Chimica Italiana (1967), 97(3), 304-20
CODEN: GCITA9; ISSN: 0016-5603
DOCUMENT TYPE: Journal
LANGUAGE: Italian
GI For diagram(s), see printed CA Issue.
AB cf. preceding abstr. Syntheses of RCH2CR1:NR2 (I), prepd. from Me2CO or acetophenone and aliphatic amines, treated with aryl azides gave, via unstable triazoline intermediates (II), 1-alkyl-5-methyl-v-triazoles (III). Ketimines from phenylacetone and propiophenone yield more stable triazoline derivs., while ketimines from Me or Et acetoacetate give instead (like the corresponding enamines) 1-aryl-5-methyl-v-triazole-4-carboxylates. Equimolar amts. of I (R = H, R1 = Me, R2 = Pr) and p-O2NC6H4N3 (or other aryl azide) in CHCl3 refluxed 3.5 hrs. gave 60% III (R = H, R1 = Me, R2 = Pr) (IV), b15 135.degree., n20D 1.4225. Similarly, the appropriate I and aryl azide gave the tabulated III. [TABLE OMITTED] The Schiff bases, I, listed in the second table were prepd. by keeping an equimol. mixt. of an amine and the corresponding ketone with 0.5 cc. HCl 12 hrs. The following II (Ar = C6H4NO2-4) were prepd. by refluxing 3.5 hrs. (or keeping 12 to 24 hrs.) a CHCl3 soln. of equimol. amts. of the appropriate Schiff base and p-O2NC6H4N3 (R, R1, R2, m.p., and % yield given): H, Me, PhCH2, 129.degree., 63; H, Me, cyclohexyl, 94.degree., 58; Ph, Me, morpholino, 158.degree., 80; H, Ph, Bu, 102.degree., 60; Me, Ph, Pr, 121.degree., 67. [TABLE OMITTED] The following III were prepd. from II by elimination of a mol. of arylamine on heating with acids (R, R1, R2, b.p., refractive index, % yield given): H, Ph, Bu, b0.5 130.degree., n20D 1.578, 77; Me, Ph, Pr, b1 145.degree., n20D 1.561, 70. Butyl azide (3.3 g.) and 3.5 g. N-isopropylidenepropylamine heated in a closed tube 70 hrs. at 120.degree. gave an equimolar mixt. of IV and V. Alk. hydrolysis of VI or VII gave III (R = CO2H, R1 = Me, R2 = p-O2NC6H4), m. 188.degree..
IT **15922-60-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 15922-60-8 CAPLUS
CN 1H-1,2,3-Triazole, 5-methyl-1-phenethyl- (8CI) (CA INDEX NAME)



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L2              0 S L1
L3             22 S L1 SSS FULL

     FILE 'CAPLUS' ENTERED AT 11:15:52 ON 24 MAR 2003
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L5             18 S L3/P

=> s l5 and base
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        131125 BASES
        645672 BASE
                 (BASE OR BASES)
L6             2 L5 AND BASE

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L6   ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2003 ACS
ACCESSION NUMBER:         2002:72064  CAPLUS
DOCUMENT NUMBER:          136:118452
TITLE:                    Method for producing 1-substituted-1,2,3-triazole
                          derivatives
INVENTOR(S):              Ikemoto, Tomomi; Ito, Tatsuya; Tomimatsu, Kiminori;
                          Sawai, Yasuhiro; Nishiyama, Hirohiko; Isogami, Yasushi
PATENT ASSIGNEE(S):       Takeda Chemical Industries, Ltd., Japan
SOURCE:                   PCT Int. Appl., 170 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 Japanese
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.        KIND  DATE           APPLICATION NO.  DATE
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     WO 2002006249      A1   20020124       WO 2001-JP6145   20010716
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
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             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS,
             LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,
             RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,
             VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
             DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
             BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
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PRIORITY APPLN. INFO.:                    JP 2000-218814   A  20000719
                                          JP 2000-218834   A  20000719
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OTHER SOURCE(S):          CASREACT 136:118452; MARPAT 136:118452
GI
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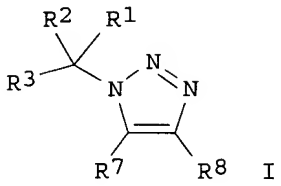


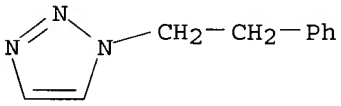
I

AB The title compds., e.g. I [R1, R2 = H, (un)substituted hydrocarbon group, etc.; R3 = R6(CR4R5)m; R4, R5 = H, (un)substituted hydrocarbon group, etc.; R6 = (un)substituted arom. moiety; m = 0 - 10; R7 , R8 = H, halo, etc.], are prepd. by reacting R1C(R2)(R3)X [X = leaving group] with appropriate triazole derivs. (a) in a secondary or tertiary alc. in the presence of a **base** or (b) in the absence of a **base**. Thus, a mixt. of 1-(4-chlorobutyl)-4-methoxybenzene, 1H-1,2,3-triazole, potassium iodide, and sodium hydroxide in tert-butanol was refluxed for 11 h to give, after workup and treatment with methanesulfonic acid, 1-[4-(4-methoxyphenyl)butan-1-yl]-1H-1,2,3-triazole methanesulfonic acid salt (II) in 73% yield. II is an intermediate in the prepn. of 1-[4-[4-[[2-[((E)-2-(4-trifluoromethyl)phenyl)ethenyl]-1,3-oxazol-4-yl]methoxy]phenyl]butyl]-1H-1,2,3-triazole (III), useful as a tyrosine kinase inhibitor (no data). A pharmaceutical compn. contg. crystals of III is claimed.

IT **63777-90-2P**
RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(method for producing triazole derivs.)

RN 63777-90-2 CAPLUS

CN 1H-1,2,3-Triazole, 1-(2-phenylethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1967:482171 CAPLUS

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Golam Shameem

(III). Ketimines from phenylacetone and propiophenone yield more stable triazoline derivs., while ketimines from Me or Et acetoacetate give instead (like the corresponding enamines) 1-aryl-5-methyl-v-triazole-4-carboxylates. Equimolar amts. of I (R = H, R1 = Me, R2 = Pr) and p-O2NC6H4N3 (or other aryl azide) in CHCl3 refluxed 3.5 hrs. gave 60% III (R = H, R1 = Me, R2 = Pr) (IV), b15 135.degree., n20D 1.4225. Similarly, the appropriate I and aryl azide gave the tabulated III. [TABLE OMITTED] The Schiff **bases**, I, listed in the second table were prepd. by keeping an equimol. mixt. of an amine and the corresponding ketone with 0.5 cc. HCl 12 hrs. The following II (Ar = C6H4NO2-4) were prepd. by refluxing 3.5 hrs. (or keeping 12 to 24 hrs.) a CHCl3 soln. of equimol. amts. of the appropriate Schiff **base** and p-O2NC6H4N3 (R, R1, R2, m.p., and % yield given): H, Me, PhCH2, 129.degree., 63; H, Me, cyclohexyl, 94.degree., 58; Ph, Me, morpholino, 158.degree., 80; H, Ph, Bu, 102.degree., 60; Me, Ph, Pr, 121.degree., 67. [TABLE OMITTED] The following III were prepd. from II by elimination of a mol. of arylamine on heating with acids (R, R1, R2, b.p., refractive index, % yield given): H, Ph, Bu, b0.5 130.degree., n20D 1.578, 77; Me, Ph, Pr, b1 145.degree., n20D 1.561, 70. Butyl azide (3.3 g.) and 3.5 g. N-isopropylidenepropylamine heated in a closed tube 70 hrs. at 120.degree. gave an equimolar mixt. of IV and V. Alk. hydrolysis of VI or VII gave III (R = CO2H, R1 = Me, R2 = p-O2NC6H4), m. 188.degree..

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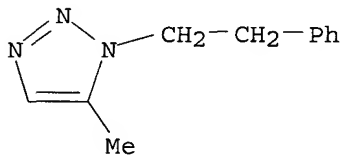

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	94.94	243.30
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-13.02	-13.02

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